Legacy Downlights

2-180-T | Standard LED

Pinhole

Where the flange finish blends with the ceiling, Pinhole's 2" aperture virtually disappears from occupants' sightlines. Pinhole is ideal for applications where the desire is to have the recessed trim and ceiling look visually seamless.

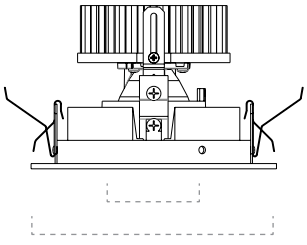
FEATURES

- Damp location listed
- Ø 2" [51mm] Aperture
- Clear media standard
- Accepts up to 2 media
- Die-cast aluminum fixture
- Powder coated and plated trim ring finishes
- Trim clips designed for 5/8" ceiling thickness
- Trimless version available (see separate specifications)

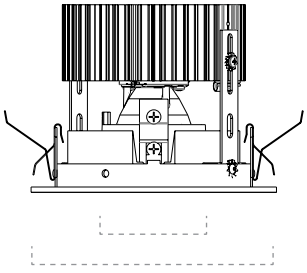
LISTINGS

Dimming
Warm

DIMENSIONS—3 SERIES



DIMENSIONS—5, 7 & 9 SERIES



PERFORMANCE SUMMARY

Color Accuracy (SDCM)	<3	
L70 Estimate (h)	50,000	
Color Rendering (CRI)	80	90
Lumen Series	3	
Source Lumens	1000	800
LED Wattage	9	9
Lumen Series	5	
Source Lumens	1800	1400
LED Wattage	17	17
Lumen Series	7	
Source Lumens	2300	1800
LED Wattage	24	24
Lumen Series	9	
Source Lumens	3000	2300
LED Wattage	28	28

PERFORMANCE SUMMARY—WARM DIMMING

Color Rendering (CRI)	95
Lumen Series	3
Source Lumens	1000
LED Wattage	12

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LIGHTHEADED™

Legacy Downlights

2-180-T | Standard LED

Pinhole

TAG TYPE

ORDER FORM

1	2	3	4	5	6	7

1. TRIM
2-180-T Pinhole

2. FLANGE FINISH
01 White
04 Black
05 Matte Silver
06 Bronze
11 Matte Nickel
CC Custom Color [1]

3. MODULE & BEAM SPREAD
BRO20 20° Beam
BRO28 28° Beam
BRO40 40° Beam

4. COLOR TEMPERATURE
27 2700K
30 3000K
35 3500K
40 4000K
3018 3000–1800K (Warm Dim) [3]

5. CRI, LUMENS, SERIES
8010 80 CRI, 1000lm, 3 Series
9008 90 CRI, 800lm, 3 Series
8018 80 CRI, 1800lm, 5 Series
9014 90 CRI, 1400lm, 5 Series
8023 80 CRI, 2300lm, 7 Series
9018 90 CRI, 1800lm, 7 Series
8030 80 CRI, 3000lm, 9 Series
9023 90 CRI, 2300lm, 9 Series
9510 95 CRI, 1000lm, 3 Series (Warm Dim) [3]

6. OPTIONAL MEDIA (2 MAXIMUM)
EL Elongating
FRO Frosted
HC Honeycomb
PER Perimeter Frosted
SL Solite Softening
SPDL Spread

7. OPTIONS
EXT Extension Clips (Maximum 2")
WB White Baffle [2]

NOTES
1 CC custom color requires consultation with Lightheaded sales personnel.
2 WB white baffle option is painted black standard.
3 3018 warm dim color temperature is only available in 9510 CRI, Lumens Series.

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LIGHTHEADED™

SPECIFICATIONS

FLANGE FINISHES

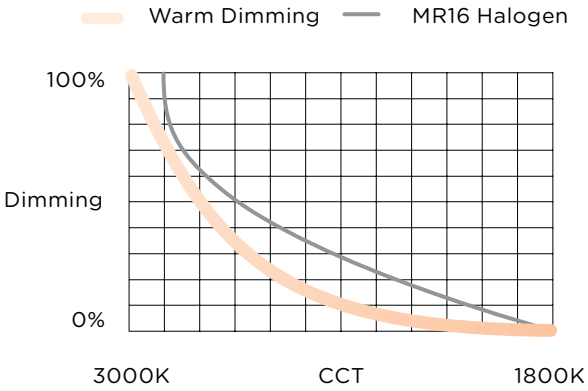
- White
- Black
- Matte Silver
- Bronze
- Matte Nickel

COLOR TEMPERATURES

- 3000K–1800K (Warm Dim)
- 2700K
- 3000K
- 3500K
- 4000K

BEAM SPREADS

WARM DIMMING METRICS



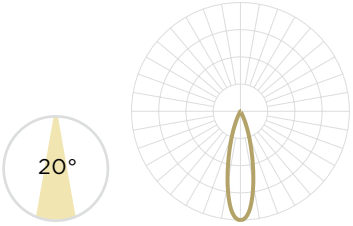
PHOTOMETRIC DATA

CONVERSION CHART

CRI	LUMENS	CCT / MULTIPLIER				TYPICAL SYSTEM POWER
		2700K	3000K	3500K	4000K	
80	1000	0.46	0.48	0.50	0.51	12W
	1800	0.74	0.77	0.81	0.82	20W
	2300	0.96	1 (Baseline)	1.04	1.07	27W
90	800	0.37	0.39	—	—	12W
	1400	0.60	0.64	—	—	20W
	1800	0.77	0.82	—	—	27W

7 SERIES, 20° BEAM, 3000K, 80 CRI, 2300 LUMENS

Report: L031506109
Trim Model: 2-180-T-BRO20-30-8023
Efficacy: 48lm/W
System Power: 26.2 W
Lumen: 1244lm



OUTPUT

DISTANCE		BEAM DIAMETER		OUTPUT	
FT	M	FT	M	FC	LUX
6	1.8	2.4	0.73	145.1	1561.7
8	2.4	3.1	0.95	81.6	878.4
10	3.0	3.9	1.19	52.2	562.2
12	3.7	4.7	1.43	36.3	350.9
14	4.3	5.5	1.68	26.6	286.8
16	4.9	6.3	1.92	20.4	219.6

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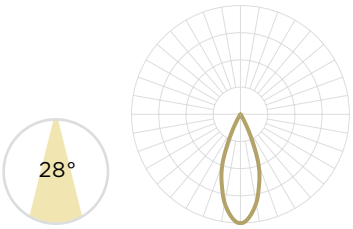
PHOTOMETRIC DATA

7 SERIES, 28° BEAM, 3000K, 80 CRI, 2300 LUMENS

Report: L041507618
Trim Model: 2-180-T-01-BRO28-30-8023
Efficacy: 44lm/W
System Power: 26.9 W
Lumen: 1184lm

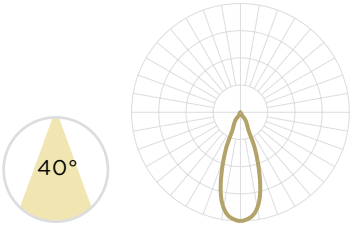


OUTPUT

DISTANCE		BEAM DIAMETER		OUTPUT	
FT	M	FT	M	FC	LUX
6	1.8	3.0	0.91	83.5	899.1
8	2.4	4.0	1.22	47.0	505.7
10	3.0	5.0	1.52	30.1	323.7
12	3.7	6.0	1.83	20.9	224.8
14	4.3	7.0	2.13	15.3	165.1
16	4.9	8.0	2.44	11.7	126.4

7 SERIES, 40° BEAM, 3000K, 80 CRI, 2300 LUMENS

Report: L031506109
Trim Model: 2-180-T-01-BRO40-30-8023
Efficacy: 42lm/W
System Power: 26.2 W
Lumen: 1102lm



OUTPUT

Distance		BEAM DIAMETER		OUTPUT	
FT	M	FT	M	FC	LUX
6	1.8	5.1	1.55	78.6	846.5
8	2.4	6.8	2.07	44.2	476.1
10	3.0	8.5	2.59	28.3	304.7
12	3.7	10.2	3.11	19.7	211.6
14	4.3	11.9	3.63	14.4	155.5
16	4.9	13.6	4.15	11.1	119.0

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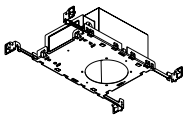
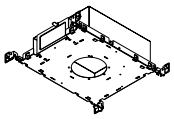
COMPATIBLE HOUSINGS

NON-INSULATED/FRAME IN

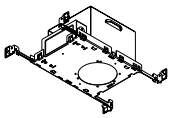
D4B-F-R
3, 5 Series
L 10.5" W 7.75" H 4.5"
L 267mm W 197mm H 115mm



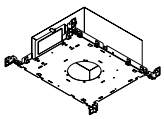
D4B-F-R
7, 9 Series
L 13.75" W 10.875" H 4.5"
L 350mm W 277mm H 115mm



D4B-FD-R
3, 5 Series
L 10.5" W 7.75" H 5.5"
L 267mm W 197mm H 140mm

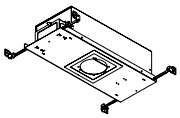


D4B-FD-R
7, 9 Series
L 13.75" W 10.875" H 5.5"
L 350mm W 277mm H 140mm

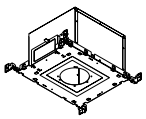


INSULATED AIRTIGHT

D4B-IC1A-R
3, 5 Series
L 22.5" W 8.5" H 5.875"
L 572mm W 216mm H 150mm

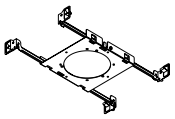


D4B-IC2A-R
3 Series
L 13.75" W 10.875" H 8.125"
L 350mm W 277mm H 207mm



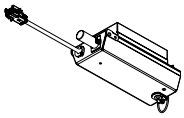
NEW CONSTRUCTION PLATE

R4P-F-R
3, 5, 7, 9 Series
L 6.5" W 6.375" H 1"
L 166mm W 162mm H 26mm



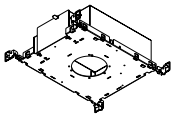
REMODEL DRIVER

DRB
3, 5, 7, 9 Series
L 8.25" W 3.25" H 2.75"
L 210mm W 83mm H 70mm



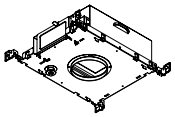
CHICAGO PLENUM

D4B-CP-R
3 Series
L 13.75" W 10.875" H 4.5"
L 350mm W 277mm H 115mm

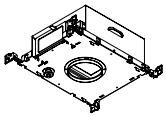


EMERGENCY HOUSING

D4B-FEM-R
3, 5, 7, 9 Series
L 13.75" W 10.875" H 4.5"
L 350mm W 277mm H 115m



D4B-FDEM-R
3, 5, 7, 9 Series
L 13.75" W 10.875" H 5.5"
L 350mm W 277mm H 140mm



CERTIFICATIONS

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